

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A method for manipulating placement of pulsed laser across a target to ablate the target and deposit target material on a substrate, the method comprising:
  - a) providing a laser, a rotatable platform, and a substrate;
  - b) placing a target on the rotatable platform;
  - c) scanning a pulsed laser beam from the laser across the target in an x/y scan pattern with the rotational position of the target fixed to generate plumes of target material that are deposited on the substrate;
  - d) rotating the target by an incremental angle; and
  - e) repeating steps (c) and (d) in alternating sequence a plurality of times.
2. (Original) The method of claim 1, wherein the incremental rotations of the target occur only after a complete or substantially complete scan of the pulsed laser beam across the target.
3. (Original) The method of claim 1, wherein the x/y scan pattern is executed by displacing the target via an x/y displacement table upon which the target is mounted.
4. (Original) The method of claim 1, wherein the incremental angle of rotation is a non-integral divisor of 360°.
5. (Original) The method of claim 4, wherein the incremental angle of rotation is about 26.6°.
6. (Original) The method of claim 1, wherein the x/y scan pattern comprises a plurality of substantially parallel, linear passes across the target.

APPLICANTS: J. Greer *et al.*  
U.S.S.N.: 10/670,765

7. (Canceled).
8. (Currently amended) An apparatus for pulsed-laser deposition comprising:
  - a laser that can generate a pulsed laser beam;
  - a rotatable platform upon which a target can be mounted;
  - a motor ~~couple~~coupled with the platform to rotate the platform by an incremental angle of rotation;
  - means for displacing the rotatable platform and/or the pulsed laser beam to generate an x/y scan pattern of the laser pulses across the surface of the target; and
  - a computer-readable medium storing software code that generates sequential commands for:
    - a) the motor coupled with the platform to rotate the platform by an angular increment and stop; and
    - b) the means for displacing the rotatable platform and/or the pulsed laser beam to execute the x/y scan pattern while the rotation of the platform is stopped.